

Practitioner's Docket No.: 791\_160 DIV3

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

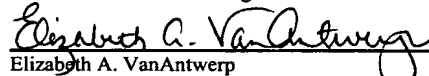
In re the Application of: Toshikatsu KASHIWAYA and Mutsumi KITAGAWA

Filed: Concurrently Herewith

For: PIEZOELECTRIC ELEMENT AND PROCESS FOR PRODUCTION  
THEREOF

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 19, 2003 under "EXPRESS MAIL" mailing label number EV 306427064 US.

  
Elizabeth A. VanAntwerp

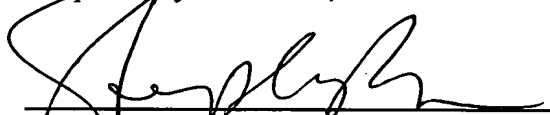
**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. These references were cited during prosecution of parent application U.S. Ser. No. 10/027,297, and copies of each of the references can be found in the PTO file for the parent application.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these listed references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



Stephen P. Burr  
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September 19, 2003  
Date

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| Form PTO-1449<br><br>US DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(use as many sheets as necessary)</i> |   |    |   | <i>Complete if Known</i> |  |
|   |   |    |   | Application Number       |  |
|   |   |    |   | Filing Date              |  |
|   |   |    |   | First Named Inventor     |  |
|   |   |    |   | Art Unit                 |  |
|   |   |    |   | Examiner Name            |  |
| Confirmation No.  |   |    |   |                          |  |
| Sheet   | 1 | of | 1 | Attorney Docket No.      |  |
|   |   |    |   | 791_160 DIV3             |  |

### U.S. PATENT DOCUMENTS

| Exam. Initial |  | Document Number | Date       | Name          | Our Docket No. | Class | Sub Class | Filing Date |
|---------------|--|-----------------|------------|---------------|----------------|-------|-----------|-------------|
|               |  | 6,278,225       | 08-21-2001 | Nagaya et al. |                |       |           |             |
|               |  | 6,492,763       | 12-10-2002 | Kim et al.    |                |       |           |             |
|               |  | 6,495,947       | 12-17-2002 | Kim et al.    |                |       |           |             |
|               |  | 6,104,128       | 08-15-2000 | Fujii et al.  |                |       |           |             |
|               |  |                 |            |               |                |       |           |             |
|               |  |                 |            |               |                |       |           |             |

### FOREIGN PATENT DOCUMENTS

|  |  | Document Number | Date      | Country | Class | Sub Class | Translation             | Abstract |
|--|--|-----------------|-----------|---------|-------|-----------|-------------------------|----------|
|  |  | 42-20029        | 10/6/1967 | Japan   |       |           | ✓                       |          |
|  |  | 50-3519         | 2/5/1975  | Japan   |       |           | ✓                       |          |
|  |  | 60102779 A      | 6/6/1985  | Japan   |       |           |                         | ✓        |
|  |  | 07315926 A      | 12/5/1995 | Japan   |       |           |                         | ✓        |
|  |  | 11029357 A      | 2/2/1999  | Japan   |       |           |                         | ✓        |
|  |  | 2000-244031     | 9/8/2000  | Japan   |       |           | JPO Machine Translation | ✓        |

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

|  |  |   |
|--|--|---|
|  |  | Ouchi, Hiromu, et al. <i>Piezoelectric Properties of <math>Pb(Mg_{1/3}Nb_{2/3})O_3</math> - <math>PbTiO_3</math> - <math>PbZrO_3</math> Ceramics Modified with Certain Additives</i> , JOURNAL OF THE AMERICAN CERAMIC SOCIETY, November 21, 1966, vol. 49, no. 11, 577-582 |
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|-----------|--|------------------|--|
| Examiner: |  | Date Considered: |  |
|-----------|--|------------------|--|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.